

RLD.P Roles for non-specific derivatives from patients; ANST (Analytical)
 RACT (Reactant or reagent); USES (Uses); PREP (Preparation); PRP (Properties);
 RL.NP Roles from non-patients: ANST (Analytical study); BIOL (Biological)
 Study; FORM (Formation nonpreparative); OCCU (Occurrence); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)



H2N—(CH2)4—CO2H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

890 REFERENCES IN FILE CA (1907 TO DATE)
 30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 891 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 24 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> S 305-62-4/RN
L2 1 305-62-4/RN

=> DIS L2 1 SQIDE

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 305-62-4 REGISTRY
 CN Butanoic acid, 2,4-diamino- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Butyric acid, 2,4-diamino- (6CI, 8CI)
 OTHER NAMES:
 CN (RS)-2,4-Diaminobutyric acid
 CN α,γ -Diaminobutyric acid
 CN 2,4-Diaminobutanoic acid
 CN 2,4-Diaminobutyric acid
 DL- α,γ -Diaminobutyric acid
 CN DL-2,4-Diaminobutyric acid
 CN DL-2,4-Diaminobutyric acid
 CN DL-DABA
 FS 3D CONCORD
 DR 257-63-1
 MF CA H40 N2 O2
 CI COM

LC STN Files: AGRICOLA, ANABSTR, BETHLEHEM*, BIOPROSPECT, BTOSIS,
 CHEMCA, CHEMIST, CHEMIST, CIR, COLD, CAPLUS, CASREACT, CHEMCATS,
 DBU, DRUGI, EMBASE, TESTDB, IFIPAT, IFTUDB, MEDLINE, MAPPAERT, RTECS*,
 TOX CENTER, USPA12, USPA1 FULL
 (*File contains numerically searchable property data)

Other Sources: EINECS**

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent
 RL.P Roles from patients: ANST (Analytical study); BIOL (Biological study);
 OCCU (Occurrence); PREP (Preparation); PROC (Process); RACT (Reactant or
 reagent); USES (Uses); NORL (No role in record)

RL.P Roles for non-specific derivatives from patients: ANST (Analytical)

Study; BIOL (Biological study); FORM (Formation, nonpreparative); PREP

(Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patients: ANST (Analytical study); BIOL (Biological)

Study; FORM (Formation nonpreparative); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

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reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); PREP (Preparation); PRP (Properties); RACT (Reactant or

RL.D.NP Roles for non-specific derivatives from non-patients: ANST (Analytical)
 study; BIOL (Biological study); FORM (Formation, nonpreparative); PREP
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or
 reagent)

RL.D.NP Roles for non-specific derivatives from non-patients: ANST (Analytical)

Study; BIOL (Biological study); FORM (Formation nonpreparative); PREP

(Preparation); PROC (Process); PRP (Properties); RACT (Reactant or

reagent); USES (Uses); NORL (No role in record)

RL.D.NP Roles for non-specific derivatives from non-patients: BIOL (Biological)

Study; FORM (Formation nonpreparative); PREP (Preparation); PROC

(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

472 REFERENCES IN FILE CA (1907 TO DATE)
 50 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 472 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 43 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> ---Logging off of STN---

=> L2

=> DIS L2 1 SQIDE

=> Executing the logoff script....

=> LOG Y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 15:50:59 ON 01 JUN 2004

Connecting via Winsock to STN

welcome to STN International! Enter x:x
 LOGINID:ssspt1653adk
 PASSWORD:
 TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International! *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
 NEWS 2 Ask CAS® For self-help around the clock
 NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated
 NEWS 4 JAN 27 and searchable.
 NEWS 5 FEB 05 A new Search aid, the Company Name Thesaurus, available in
 CA/Capplus
 NEWS 6 MAR 03 German (DE) application and patent publication number format
 changes
 NEWS 7 MAR 03 MEDLINE and LMDLINE file segment of TOXCENTER reloaded

information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/online/DBSS/regstryss.htm>

=> STR 660-88-8
 LI STRUCTURE CREATED

=> S L1 EXA SAM
 SAMPLE SEARCH INITIATED 15:59:11 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

1 ANSWERS

100.0% PROCESSED
 SEARCH TIME: 00:00:01 1 ITERATIONS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 1 TO 80
 PROJECTED ANSWERS: 1 TO 80

L2 1 SEA EXA SAM L1

=> D1S L2 1

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 660-88-8 REGISTRY
 CN Pentanoic acid, 5-amino-
 OTHER CA INDEX NAMES: (9CI) (CA INDEX NAME)
 CN Valeric acid, 5-amino- (8CI)
 OTHER NAMES:
 CN δ-amino-n-valeric acid
 CN δ-aminopentanoic acid
 CN δ-Aminovaleric acid
 CN α-Aminopentanoic acid
 CN α-Aminovaleric acid
 CN 5-Amino-n-valeric acid
 CN 5-Aminopentanoic acid
 CN 5-Aminovaleric acid
 CN NSC 58383
 CN NSC 73123
 FS
 3D CONCORD
 MF C5 H11 N O2

LC STN Files: AGRICOLA, ANABSTR, BETHSTEIN*, BIOPARTNERS, BIOSIS, BIOTECNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMIST, CSCHEM, DETHERM*, EMBASE, GMELIN*, HODOC*, IFICDB, IFTPAT, IFTUDB, MEDLINE, SPECINFO, TOX CENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: EINCS*

(*Enter CHEMIST File for up-to-date regulatory information)

DT.CA CAPLUS document type: Conference; Dissertation; Journal; Patent; Report
 CMWI (Combinatorial study); FORM (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PRP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); occu (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

FILE 'REGISTRY' ENTERED AT 15:58:47 ON 01 JUN 2004
 FULL ESTIMATED COST
 SINCE FILE TOTAL
 ENTRY SESSION
 0.21 0.21

FILE 'REGISTRY' ENTERED AT 15:58:47 ON 01 JUN 2004
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 31 MAY 2004 HIGHEST RN 688001-12-9
 DICTIONARY FILE UPDATES: 31 MAY 2004 HIGHEST RN 688001-12-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004
 Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more

H2N—(CH₂)₄—CO₂H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

890 REFERENCES IN FILE CA (1907 TO DATE)
30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
891 REFERENCES IN FILE CAPLUS (1907 TO DATE)
24 REFERENCES IN FILE CAOLD (PRIORITY TO 1967)

=> DIS L2 1 IDE

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN Pentanoic acid S-amino- (9CT) (CA INDEX NAME)
CN Pentanoic acid, S-amino- (9CT)
OTHER CA INDEX NAMES:
CN Valeric acid, S-amino- (8CT)
OTHER NAMES:
CN δ-Amino-n-valeric acid
CN S-Aminopentanoic acid
CN δ-Aminovaleric acid
CN ϕ-Aminopentanoic acid
CN δ-Aminovaleric acid
CN 5-Amino-n-valeric acid
CN 5-Aminopentanoic acid
CN 5-Aminovaleric acid
DAVA
CN NSC 58383
CN NSC 73123
FS 3D CONCORD
MF C5 H11 N O2
CI COM STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOSTRUCTURE, CHEMCAQS, CHEMLIST, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSChem, DETERM*, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFTUDB, MEDLINE, SPECINFO, TOXCENTER, USPATFULL, USPATFULL (*FILE contains numerically searchable property data)

Other Sources: EINECS*

DT,CA Caplus document type: Conference; Dissertation; Journal; Patent; Report
RL,CA Roles from patents: ANST (Analytical study); BIOL (Biological study); CMBI (Combinatorial study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
RLD,P Roles for non-specific derivatives from patients: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RL,NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
RLD,NP Roles for non-specific derivatives from non-patents: BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

H2N—(CH₂)₄—CO₂H

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

890 REFERENCES IN FILE CA (1907 TO DATE)
30 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
891 REFERENCES IN FILE CAPLUS (1907 TO DATE)
24 REFERENCES IN FILE CAOLD (PRIORITY TO 1967)

=> STR 305-62-4

:END

L3 STRUCTURE CREATED

=> S L3 EXA SAM
SAMPLE SEARCH INITIATED 16:00:20 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE
0 ANSWERS

L2 ANSWER 1 OF 1 REGISTRY SAMPLE SEARCH INITIATED 16:00:20 FILE 'REGISTRY'
SEARCH TIME: 00: 00: 01
100.0% PROCESSED 0 ITERATIONS

FULL FILE PROJECTIONS: ONLINE ***COMPLETE***
PROJECTED ITERATIONS: BATCH ***COMPLETE***
PROJECTED ANSWERS: 0 TO 0
0 TO 0

L4 0 SEA EXA SAM L3

=> STR 305-62-4

:END

L5 STRUCTURE CREATED

=> S L5 EXA FUL
SAMPLE SEARCH INITIATED 16:00:46 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 45 TO ITERATE
100.0% PROCESSED 45 ITERATIONS

SEARCH TIME: 00: 00: 01
L6 20 SEA EXA FUL L5
20 ANSWERS

=> DIS L6 1

L6 ANSWER 1 OF 20 REGISTRY COPYRIGHT 2004 ACS on STN
RN 403838-31-3 REGISTRY
CN Butanoic-4-11c acid, 2,4-diamino-, (2R)- (9CT) (CA INDEX NAME)
FS STEREOSEARCH
MF C4 H10 N2 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT,CA Caplus document type:
RL,NP Roles from non-patents: PREP (Preparation)
Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> DIS L6 2

L6 ANSWER 2 OF 20 REGISTRY COPYRIGHT 2004 ACS on STN
RN 196099-17-9 REGISTRY
1 REFERENCES IN FILE CAPLUS

CN Butanoic-4-13C acid, 2,4-diamino-, (S)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C4 H10 N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER
 DT, CA CAPLUS document type: JOURNAL
 RL, NP Roles from non-patents: PREP (Preparation)

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

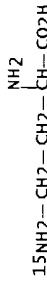
=> DIS L6 3
 L6 ANSWER 3 OF 20 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 196099-16-8 REGISTRY
 OTHER CA INDEX NAMES:
 CN Butanoic-4-11C acid, 2,4-diamino-, (2S)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C4 H10 N2 O2
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER
 DT, CA CAPLUS document type: JOURNAL, TOXCENTER
 RL, NP Roles from non-patents: BIOL (Biological study); PREP (Preparation); USES (uses)

Absolute stereochemistry.



3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

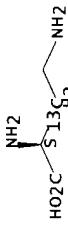
=> DIS L6 4
 L6 ANSWER 4 OF 20 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 194475-54-2 REGISTRY
 CN Butanoic acid, 2-amino-4-(amino-15N)- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C4 H10 N2 O2
 CA
 LC STN Files: CA, CAPLUS
 DT, CA CAPLUS document type: JOURNAL, TOXCENTER
 RL, NP Roles from non-patents: PREP (Preparation); PRP (Properties)



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> DIS L6 5
 L6 ANSWER 5 OF 20 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 183376-05-8 REGISTRY
 CN Butanoic-3-13C acid, 2,4-diamino-, (S)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C4 H10 N2 O2
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT, CA CAPLUS document type: Patent
 RL, P Roles from patents: BIOL (Biological study); PREP (Preparation); PROC (Process); USES (uses)

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>
 ---Logging off of STN---
 => Executing the logoff script...
 => LOG Y
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST
 STN INTERNATIONAL LOGOFF AT 16:02:28 ON 01 JUN 2004
 Connecting via winsock to STN

TOTAL SESSION
 SESSION 67.37
 SINCE FILE ENTRY 67.16
 LOGINID:sssptai653adk
 PASSWORD:

Welcome to STN International! Enter x:x
 LOGINID:sssptai653adk
 PASSWORD:

